|   | Index of Claims |               |           |           |           |          |                     |         |              |              |                             |       |          | A  | Application No.         |              |              |           |          |         |          |          |            | Applicant(s)    |             |           |          |           |         |           |  |
|---|-----------------|---------------|-----------|-----------|-----------|----------|---------------------|---------|--------------|--------------|-----------------------------|-------|----------|--|-------------------------|--------------|--------------|-----------|----------|---------|----------|----------|------------|-----------------|-------------|-----------|----------|-----------|---------|-----------|--|
|   | _ I             |               |           |           |           |          |                     |         |              |              |                             |       |          | ا  | 09/890,095              |              |              |           |          |         |          |          |            |                 | GAI         | НΔ        | RΔ       | ΔΙ        |         |           |  |
|   |                 |               |           |           |           |          |                     |         |              |              |                             |       |          |  | Examiner                |              |              |           |          |         |          |          |            |                 | SUGAHARA ET |           |          |           |         |           |  |
|   |                 |               |           |           |           |          |                     |         |              |              |                             |       |          |  | Dung (Michael) This was |              |              |           |          |         |          |          |            |                 | 2828        |           |          |           |         |           |  |
|   |                 |               |           |           |           |          |                     |         |              |              |                             |       |          |  | Dung (Michael) T Nguyen |              |              |           |          |         |          |          |            |                 | 28          |           |          |           |         |           |  |
|   |                 |               |           |           | _         |          | $\neg$              |         | Г            | T            | /TI                         | -     | uah r    |  | sol\                    | $\neg$       | Γ            | Т         |          |         |          |          |            | П               |             | _         |          |           | $\neg$  |           |  |
|   |                 |               | √         | Re        | Rejected  |          |                     |         | -            | -            | (Through numer<br>Cancelled |       |          | raı)   | ۵۰,                     |              | N            | Non-Elect |          |         | ted      |          | Α          | Appeal          |             |           |          |           |         |           |  |
|   |                 |               |           |           |           |          |                     |         | -            | +            |                             |       |          |  |                         |              |              |           |          |         |          |          |            |                 |             |           |          | $\exists$ |         |           |  |
|   |                 |               | =         | Α         | llov      | Ne(      | d                   | +       |              |              |                             | Re    | estri    | cted   |                         | Interference |              |           |          | 0       | Objected |          |            |                 |             |           |          |           |         |           |  |
|   |                 |               |           |           |           |          |                     |         |              |              |                             |       |          |  |                         |              |              |           |          |         |          | l        |            |                 |             |           |          |           |         |           |  |
|   | Cla             | im            | 4/        |           |           |          | ate                 | 1       |              | 1            |                             | CI    | Claim    |  | 1 1                     | Dat          |              | •<br>     |          | _       | CI.      |          | aim        | Ь.              | Date        |           |          |           |         | -         |  |
|   | aj              | Original      | 40/21/29  |           |           |          |                     |         |              |              |                             | Final | Original |  |                         | -            |              |           |          |         |          | Final    | Original   |                 |             |           |          |           |         |           |  |
|   | Final           | Orig          | 120       | .         |           |          |                     |         |              |              |                             | 造     | Orig     |  |                         | -            |              |           |          |         |          | i Ē      | Orig       |                 |             |           |          |           |         |           |  |
| ŀ |                 | <u>(1)</u>    | 7         | -         | -         | $\dashv$ | $\dashv$            | +       | +            | +            |                             |       | 51       | $\vdash$   | +                       | $\dashv$     | +            | +         | +        | -       | -        |          | 101        |                 | $\dashv$    | +         | -        | $\dashv$  |         | H         |  |
|   |                 | Z             |           |           |           |          |                     |         | 1            |              |                             |       | 52       |  |                         | 丰            |              | $\Box$    |          |         |          |          | 102        |                 |             |           |          |           |         | П         |  |
| - |                 | 4             | 7         | $\dashv$  | 4         | _        | .                   |         | +            | +            |                             |       | 53<br>54 |  | +                       | +            | +            | +         | +        | +       | -        |          | 103<br>104 | $\vdash$        | _           | +         | $\dashv$ | $\dashv$  |         | $\vdash$  |  |
| ŀ |                 | 5             | t         | $\dashv$  | $\dashv$  | +        | $\dashv$            | +       | +            | +            |                             |       | 55       | <del>                                     </del> | +                       | $\dashv$     | +            | $\dashv$  |          |         | -        |          | 105        |                 |             |           |          |           |         |           |  |
|   |                 | سۇر           | ,         | $\Box$    | $\dashv$  | _        | $\Box$              |         |              | 1            |                             |       | 56       |  | $\square$               | $\perp$      | 1            | $\Box$    | _        |         |          |          | 106        |                 |             |           | $\Box$   |           |         |           |  |
| ŀ |                 | <u>7</u><br>8 | ح د       | $\dashv$  | 4         | $\dashv$ |                     | -       | +            | +            |                             |       | 57<br>58 |  | +                       | $\dashv$     | +            | $\dashv$  | +        | ╫       | -        |          | 107<br>108 |                 | -           | +         | ᅱ        | $\dashv$  | +       | ╂╌┤       |  |
|   |                 | 9             | 女         |           |           |          |                     |         | 土            |              |                             |       | 59       |  |                         |              |              |           |          |         | ]        |          | 109        |                 |             |           |          | $\Box$    |         |           |  |
|   |                 | <u> 10</u>    | 7         | $\dashv$  | $\dashv$  | -        | $\dashv$            | +       | +            | +-           |                             |       | 60<br>61 | $\vdash$   | + -                     | -            | +            | $\dashv$  |          | -       | -        |          | 110<br>111 | $\vdash$        | -           | +         | -        | $\dashv$  | -       | +         |  |
| ŀ |                 | 11<br>(12)    |           | $\dashv$  | +         | +        | +                   | +       | +            | +            |                             |       | 62       | $\vdash$   | +                       | +            | +            | $\dashv$  |          | +       | -        |          | 112        |                 |             |           |          | $\dashv$  |         |           |  |
|   |                 | 73            | I         |           | $\Box$    |          | 4                   |         | Ţ            |              |                             |       | 63       |  |                         |              | 1            | $\Box$    |          |         | -        |          | 113        | $\square$       |             |           | _        |           | -       | $\perp$   |  |
| ŀ |                 | 14<br>15      | +         |           | $\dashv$  | -        | $\dashv$            | +       | +            | +            |                             |       | 64<br>65 | $\vdash$   |                         | +            | +            | $\dashv$  |          |         | -        | -        | 114<br>115 |                 | +           | +         | $\dashv$ | $\dashv$  |         | ╁┈        |  |
|   |                 | 16            |           |           |           | $\dashv$ |                     |         |              |              |                             |       | 66       |  |                         | 1            | 1            | 1         |          |         |          |          | 116        |                 |             |           |          |           |         |           |  |
|   |                 | 17<br>18      | 4         | _         | -         | -        | -                   | +       | +            | -            |                             |       | 67<br>68 |  | +                       | $\dashv$     | +            | 4         | +        | +       | 1        |          | 117<br>118 | -               |             | +         | _        | -         | +       | $\vdash$  |  |
|   |                 | 19            | +         |           | $\dashv$  |          | +                   |         | +            | ╫            | 1                           |       | 69       | <del>                                     </del> | + +                     | +            | +            |           | +        | +       | 1        | <u> </u> | 119        |                 |             |           |          |           | _       |           |  |
|   |                 | 20            | $\top$    |           | $\Box$    |          |                     |         |              |              |                             |       | 70       |  |                         |              | 1            |           |          |         | -        |          | 120        |                 |             |           |          | _         | _       | $\square$ |  |
|   |                 | 21<br>22      | $\forall$ | $\dashv$  | +         | $\dashv$ | -+                  | +       | +            | +            | -                           |       | 71<br>72 |  | +                       | +            | +            | +         | +        | +       | 1        | <u> </u> | 121<br>122 | H               | +           | +         |          |           | +       | +         |  |
|   |                 | 23            |           |           |           |          |                     |         | _            |              |                             |       | 73       |  |                         |              |              |           |          |         |          |          | 123        |                 |             |           |          |           |         |           |  |
|   |                 | 24<br>25      |           | 4         | $\dashv$  | -        | -                   | +       | +            | +            |                             |       | 74<br>75 |  | -                       | $\dashv$     | +            | +         | -        | +       | -        | <u> </u> | 124<br>125 | $\vdash$        | -           | +         |          |           | +       | +         |  |
|   |                 | 26            |           |           |           |          | $\exists$           |         |              |              |                             |       | 76       |  |                         |              | 1            | 1         |          | 1.      |          |          | 126        |                 |             |           |          |           |         |           |  |
| ĺ |                 | 27<br>28      |           |           |           |          | -                   | $\perp$ | 1.           | 1            |                             |       | 77       | $\vdash$   | $\vdash$                | +            | +            | 4         | _        | +-      | -        |          | 127<br>128 | $\square$       | -           | $\vdash$  |          | -         |         | 4         |  |
| ŀ |                 | 29            |           | $\dashv$  |           |          |                     | +       | +            | +            | 1                           |       | 79       |  | +                       | $\dashv$     | +            | $\dashv$  |          | ╁╴      | 1        |          | 129        | $\Box$          |             | $\dagger$ |          |           | ╁       | +         |  |
| Ì |                 | 30            |           |           | $\exists$ | $\Box$   | $\rightrightarrows$ | 1       | $\downarrow$ | I            |                             |       | 80       |  |                         |              | $\downarrow$ | $\Box$    | $\perp$  | F       | ]        |          | 130        |                 |             |           |          |           | $\top$  | $\Box$    |  |
|   |                 | 31<br>32      |           |           |           |          | $\dashv$            | +       | +            | +            |                             |       | 81<br>82 | $\vdash$   | +                       | $\dashv$     | +            | $\dashv$  |          | +       | 1        |          | 131<br>132 | H               | +           | +         |          | $\dashv$  | +       | H         |  |
|   |                 | 33            |           |           |           |          | 寸                   |         |              | t            |                             |       | 83       |  |                         |              |              | $\perp$   | $\perp$  | İ       |          |          | 133        |                 |             | П         |          | $\Box$    | 士       | 口         |  |
|   |                 | 34<br>35      |           | $\sqcup$  |           | -[       | $\dashv$            | $\perp$ | $\perp$      | -            |                             |       | 84<br>85 | $\vdash \vdash$                                  | +                       |              | $\perp$      | -         |          | +       | 4        |          | 134<br>135 | $\vdash$        | +           | +         |          | $\dashv$  | +       | $\dashv$  |  |
|   |                 | 36            |           |           | _         |          | _+                  | _       | $\pm$        | $\pm$        | <u> </u>                    |       | 86       |  |                         | _            | #            | _         | _        | 士       | 1        |          | 136        |                 | $\pm$       |           |          |           |         |           |  |
|   |                 | 37            |           |           |           |          | _                   |         |              |              |                             |       | 87       |  |                         |              | 1            | $\dashv$  | $\perp$  | $\perp$ | ]        |          | 137        |                 | $\perp$     | Н         |          |           |         | $\Box$    |  |
|   |                 | 38<br>39      |           | $\vdash$  | $\dashv$  | $\dashv$ | +                   | +       | +            | +            |                             |       | 88<br>89 |  | ++                      | $\dashv$     | +            | +         | +        | +       | 1        | ļ        | 138<br>139 | $\vdash \vdash$ | +           | +         | $\dashv$ | $\dashv$  | +       | +         |  |
| į |                 | 40            |           |           |           | ⇉        | 耳                   |         |              |              |                             |       | 90       |  |                         |              |              |           |          |         |          |          | 140        |                 | 丰           |           |          |           |         |           |  |
| } |                 | 41<br>42      |           | $\Box$    | $\dashv$  | 4        | _                   |         |              |              |                             |       | 91<br>92 | - -  | $\dashv$                | +            | +            | 4         | +        | +       | -        |          | 141<br>142 | $\vdash$        | +           | +         | $\dashv$ | $\vdash$  | -       | ╀┤        |  |
| ŀ |                 | 43            |           | $\exists$ | _         |          | $\exists^{\dagger}$ | $\pm$   |              | $\perp$      |                             |       | 93       |  |                         |              | $\pm$        |           | 土        | $\pm$   | 1        |          | 143        |                 |             |           |          |           |         | 口         |  |
|   |                 | 44            |           |           | $\Box$    | $\Box$   | $\Box$              |         | _            | $oxed{\Box}$ |                             |       | 94       |  | $\square$               | 1            | Ţ            | $\Box$    | $\bot$   | Ţ       | 4        |          | 144        |                 | _[          | $\Box$    | $\Box$   | $\Box$    | $\perp$ | +         |  |
| ŀ |                 | 45<br>46      |           | -         | $\dashv$  | $\dashv$ | $\dashv$            | +       | +            | +-           |                             |       | 95<br>96 | - -  | ╁                       | $\dashv$     | +            | +         | +        | +       | 1        |          | 145<br>146 | H               | $\dashv$    | +         | $\vdash$ | $\dashv$  | +       | +         |  |
|   |                 | 47            |           |           | _         | $\Box$   | $\Box$              | #       | $\downarrow$ | T            |                             |       | 97       |  | $\Box$                  | 1            | 1            | $\dashv$  |          | T       | ]        |          | 147        |                 |             | П         |          |           | 4       | $\square$ |  |
| } |                 | 48<br>49      |           |           | $\dashv$  | $\dashv$ |                     | +       | +            | +            |                             |       | 98<br>99 |  | ++                      | $\dashv$     | +            | $\dashv$  | $\dashv$ | +       | 1        |          | 148<br>149 | $\vdash$        | _           | +         | $\dashv$ | $\dashv$  | +       | +         |  |
| ŀ |                 | 50            |           |           |           |          |                     |         |              |              |                             |       | 100      |  |                         |              |              |           |          | 工       | ]        |          | 150        |                 |             |           |          |           | 土       | 口         |  |